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# WATER SUPPLY OUTLOOK FOR UTAH



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U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES  
-- DIVISION OF WATER RIGHTS

AS OF  
JUNE 1, 1974

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*Cover Photo: Snow Surveyors near Ship Creek,  
Alaska snow course.*

U.S. GOVERNMENT PRINTING OFFICE

## PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 511 N. W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

## PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia





# **WATER SUPPLY OUTLOOK FOR UTAH**

and  
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

*Issued by*

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SOIL CONSERVATION SERVICE  
SNOW SURVEY SECTION  
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SALT LAKE CITY, UTAH 84138



# WATER SUPPLY OUTLOOK

as of  
June 1, 1974

\* \* \* \* \*  
\* Utah's Water Supply Outlook now ranges from "above average" to \*  
\* "poor". Reservoir storage is above average with many now full \*  
\* or expected to fill. \*  
\* \* \* \* \*

## SNOW COVER

Snow surveys the last week of May indicate that snow remains only above the 8,000 foot level on the Bear, Ogden, Weber, and Provo Rivers. No measurable snow was recorded on Uintah Basin snow courses. The higher elevation aerial marker flights were delayed. Southern Utah had snow only above 10,000 feet in shaded areas. LaSal and Blue Mountain snow has melted and San Rafael watersheds had snow only 10,000 feet and above.

## PRECIPITATION

Mountain precipitation during May ranged from none at many stations in Uintah Basin and southern Utah to near average at some stations on the Lower Bear and Ogden Rivers. Many stations reported from 15 to 50% of average catch for May.

## RESERVOIR STORAGE

Most northern Utah reservoirs are full or expected to fill very soon. Reservoir storage statewide is well above average although southern Utah storage is being used faster than usual as a result of a dry May and low streamflow.

The elevation of Great Salt Lake is 4201.40 feet above mean sea level. This is the highest it has been since July of 1929, 0.85 feet higher than last year and 10.05 feet higher than the all time low in October of 1963, according to the U. S. Geological Survey.

## STREAMFLOW

Streamflow during May ranged from 54% of median on the San Juan to 149% on Big Cottonwood Creek near Salt Lake. Whiterocks River in Uintah Basin was only 81%, Beaver River 102% of median for May, and Weber River near Oakley was 146% of median, as reported by the U. S. Geological Survey.

Below normal May precipitation caused reductions in streamflow forecasts ranging from 3-15% in northern Utah to as much as 30-35% in southern Utah.

Water users depending on direct streamflow diversions in Uintah Basin, Sevier Basin, Virgin Basin, San Juan Basin, and Coal Creek Basin are expected to have short water supplies this year unless above average summer precipitation improves the flow.





# SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN					2 Yrs. Ago						
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	5/24	0	0.0	0.0	0.0	5/24	.50	2.32a	17.00	13.99a	122
Gold Hill*						5/31	1.33	- -	33.00	- -	- -
Hayden Fork	5/24	51	17.0	0.0	0.0	5/24	1.20	3.88a	30.63	28.60a	107
Kelly Ranger Station*						6/4	Data Not Available - USU				
Lily Lake*						6/4	Data Not Available - USU				
Monte Cristo Ranger Station	5/30	12	6.0	5.9	8.4	5/30	1.66	2.27b	39.75	35.35b	112
Salt River Summit						5/31	1.75	1.45	23.45	20.64	114
Stillwater Camp	5/24	0	0.0	0.0	0.0	5/24	.72	2.22	21.72	17.32	125
LOWER BEAR RIVER (Below Harer, Idaho)											
Cinnamon Creek*						5/31	1.11	- -	- -	- -	- -
Clarkston Mountain*						5/31	2.26	- -	25.71	- -	- -
Curtis Creek*						6/4	Data Not Available - USU				
Garden City Summit	5/28	0	0.0	0.0	5.1	5/28	1.65	1.88b	25.30	25.24b	100
George Peak*						6/4	No Reading				
Hardware Ranch*						6/4	Data Not Available - USU				
Hells Canyon*						5/31	3.38	- -	37.66	- -	- -
Herd Hollow*						6/4	1.99	- -	- -	- -	- -
Klondike Narrows*	5/28	0	0.0	0.0	0.0	6/4	Data Not Available - USU				
Steep Hollow #1	5/28	57	29.9	13.0	33.4						
Steep Hollow #2	5/28	10	5.0	0.0	5.0						
Tony Grove Lake*						6/4	Data Not Available - USU				
Tony Grove Ranger Station*	5/28	0	0.0	0.0	0.0	5/31	1.87	1.56a	24.04	22.97a	105
Willow Flat	6/3	0	0.0	0.0	0.0	6/3	1.70	2.62	15.33	29.49	52
Trigara Springs						5/31	2.37	- -	- -	- -	- -
OGDEN RIVER											
Beaver Creek-Skunk Creek	5/31	0	0.0	0.0	0.0						
Ben Lomond (lower)	5/31	0	0.0	0.0	0.0	5/30	2.63	2.86b	28.63	32.18b	89
Ben Lomond Peak*	5/31	10	4.9	16.2	4.7	5/31	4.63	- -	- -	- -	- -
Ben Lomond Trail	5/31	0	0.0	0.0	0.0						
Causey Dam						5/30	1.27	1.59a	20.96	18.23a	115
Cutler Creek	5/31	0	0.0	0.0	0.0						
Dry Bread Pond	5/31	0	0.0	0.0	0.0	5/30	.83	2.22b	26.29	27.38b	96
Guilders Peak*						6/4	Data Not Available - USU				
Magpie*						6/4	Data Not Available - USU				
Middle Fork Ogden*						5/31	2.95	- -	- -	- -	- -
Sagebrush Flat	5/31	0	0.0	0.0	0.0	5/30	1.28	1.41b	19.63	18.29b	107
WEBER RIVER											
Chalk Creek #1	5/28	33	14.8	11.4	- -						
Chalk Creek #2*	5/28	0	0.0	0.0	0.0	6/4	Data Not Available - USU				
Chalk Creek #3	5/28	0	0.0	0.0	0.0	5/28	.53	2.17b	22.00	17.76b	124
Farmington Canyon (lower)	6/3	0	0.0	0.0	0.0	6/3	3.76	- -	40.71	- -	- -
Farmington Canyon (upper)	6/3	2	1.0	7.8	5.9						
Farmington Guard Station	6/3	0	0.0	- -	- -	6/3	3.37	- -	40.83	- -	- -
Francis Canyon*						6/4	Data Not Available - USU				
Hardscrabble*						6/4	3.02	- -	- -	- -	- -
Hoo Doo Knoll*						6/4	Data Not Available - USU				
Horse Ridge**	5/31	0	0.0	0.0	0.0	5/31	1.10	2.21a	37.12	32.87a	113
Parley's Canyon Summit	5/29	0	0.0	0.0	0.0	5/29	1.08	2.09	32.51	28.82	113
Porcupine*						5/31	1.41	- -	- -	- -	- -
Redden Mine (lower)	5/29	0	0.0	- -	- -						
Redden Mine (upper)	5/29	0	0.0	1.2	0.0	5/29	1.03	2.56a	34.66	27.57a	126
Sargeant Lakes* A	6/4	Flight Delayed				6/4	1.51	- -	- -	- -	- -
Shingle Mill Flat*						6/4	1.23	- -	- -	- -	- -
Smith & Morehouse	5/24	0	0.0	0.0	0.0	5/24	.95	2.18	27.85	24.21	115
a - Partly Estimated						+ - 1958-72 Average					
A - Aerial Reading						* - USU-SCS Cooperative Radio Reading					
b - Average of all past record - Less than 15 years						** - SCS Radio Reading					

# SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	2 Yrs. Ago	Date of Reading	Month's Precipitation	Average	This Year	Average	Percent of Average
NAME											
PROVO RIVER & UTAH LAKE											
Camp Altamont	5/30	0	0.0	0.0	- -						
Clear Creek Ridge #1	5/30	0	0.0	- -	- -						
Clear Creek Ridge #2	5/31	0	0.0	0.0	0.0	5/31	.45	1.79	- -	20.34	- -
Clear Creek Ridge #3	5/30	0	0.0	- -	- -						
Dutchman Ranger Station	5/30	0	0.0	0.0	0.0	5/30	.70	2.10	21.63	26.98	80
East Shingle Lake A	6/3	Flight Delayed	- -	- -	- -						
Hobble Creek Summit	5/30	0	0.0	0.0	0.0	5/31	.50	1.91	22.40	21.62	104
Packard Canyon	5/31	0	0.0	- -	- -						
Payson Ranger Station	5/31	0	0.0	0.0	0.0	5/31	.30	1.83	25.70	23.00	112
Rock Bridge	5/31	0	0.0	- -	- -						
Soapstone Ranger Station	5/29	0	0.0	0.0	0.0	5/29	.28	1.71	24.16	20.64	117
South Fork Ranger Station	5/31	0	0.0	- -	- -						
Timpanogos Cave Camp	5/31	0	0.0	- -	- -						
Timpanogos Divide	5/30	0	0.0	0.0	0.0						
Trial Lake	5/29	43	21.6	18.0	21.3	5/29	.85	2.54	34.19	29.98	114
JORDAN RIVER & SALT LAKE											
Lamb's Canyon	5/29	0	0.0	0.0	0.0						
Lamb's Canyon #2	5/29	0	0.0	0.0	0.0	5/29	1.20a	- -	19.31	- -	- -
Middle Canyon - Tooele	5/30	0	0.0	0.0	0.0	5/30	Gage Molested				
Mill D South Fork	5/30	0	0.0	0.0	0.0						
Silver Lake (Brighton)	5/30	0	0.0	8.5	0.0						
Vernon Creek	6/3	0	0.0	0.0	0.0	6/3	1.00	- -	13.69	- -	- -
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	5/28	0	0.0	0.0	0.0	5/28	.61	1.88	20.68	18.29	113
Castle Valley	5/30	0	0.0	0.0	0.0	5/30	.55	1.47	14.23	18.99	75
Duck Creek Ranger Station	5/31	0	0.0	0.0	0.0	5/31	.10	1.71	12.95	22.08	59
Kimberly Mine	5/28	0	0.0	3.0	0.0	5/28	.78	2.17	25.06	23.18	108
Midway Valley	5/31	0	0.0	21.8	0.0	5/31	.15	- -	17.25	- -	- -
Panguitch Lake	5/30	0	0.0	0.0	0.0	5/30	.09	.88	7.42	9.29	80
Widtsøe Escalante #3	5/30	0	0.0	0.0	0.0	5/30	.15	1.66	12.44	17.10	73
Widtsøe Ranger Station	5/30					5/30	.08	- -	4.30	- -	- -
LOWER SEVIER RIVER (Including San Pitch)											
Beaver Dams	5/29	0	0.0	- -	0.0	5/29	.45	2.14	22.60	18.22	124
Farnsworth Lake	5/28	No Measurement	18.2	- -	- -						
G.B.R.C. Headquarters	5/31	0	0.0	1.0	0.0	5/31	.40	- -	26.20	- -	- -
G.B.R.C. Majors						5/31	.21	- -	12.86	- -	- -
G.B.R.C. Meadows	5/31	14	7.3	17.8	1.2	5/31	.50	- -	32.03	- -	- -
G.B.R.C. Oaks						5/31	.19	- -	16.84	- -	- -
Gooseberry Ranger Station	5/28	0	0.0	- -	- -	5/28	1.15	- -	22.15	- -	- -
Mammoth R.S.-Ctnwood Crk	5/30	0	0.0	2.5	0.0	5/30	.15	2.00b	23.65	24.19b	98
Mt. Baldy Ranger Station	5/29	26	13.1	- -	- -	5/29	.55	2.67b	27.35	23.51b	116
Oak Creek	5/29	0	0.0	0.0	0.0	5/29	.62	1.72a	20.82	19.05a	109
Pine Creek	5/28	0	0.0	0.0	0.0	5/28	1.22	3.00	38.91	30.70	127
Shingle Mill	5/28	0	0.0	- -	0.0	5/28	- -	2.06b	24.78	19.33b	128
BEAVER RIVER											
Beaver Canyon Power House						5/31	.21	1.37	13.03	12.37	105
Big Flat	5/29	12	4.9	19.8	0.0	5/29	.94	2.79b	20.43	22.52b	91
Merchant Valley	5/29	0	0.0	0.0	0.0	5/29	.79	2.35a	18.92	19.36a	98
PAROWAN CREEK											
Brian Head	5/31	0	0.0	19.6	- -						
Tall Poles	5/31	0	0.0	6.0	0.0	5/31	.15	1.67a	17.55	23.77a	74
Yankee Reservoir	5/31	0	0.0	0.0	0.0	5/31	.00	1.43	16.02	15.77	102

## SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
ENTERPRISE TO NEW HARMONY DRAINAGES					2 Yrs. Ago						
Little Grassy Creek	5/29	0	0.0	0.0	0.0	5/29	.10	.88	10.70	15.61	68
Long Flat	5/30	0	0.0	0.0	0.0	5/30	.10	1.23b	13.95	14.24b	98
COLORADO RIVER BASIN											
UPPER GREEN RIVER - UTAH											
Ashley Twin Lakes A	6/4	Flight Delayed	- -	- -	9.1						
Blacks Fork Junction	5/23	0	0.0	0.0	0.0	5/23	.72	2.35b	20.25	16.82b	120
Blacks Fork G.S.-East Fork	5/23	0	0.0	0.0	0.0	5/23	.85	2.44b	20.72	17.55b	118
Buck Pasture A	6/4	Flight Delayed	- -	- -	10.1						
Burnt Creek	5/31	0	0.0	0.0	0.0	5/31	.20	2.84	12.89	14.91	86
Grizzly Ridge	5/31	0	0.0	- -	- -	5/31	.60	2.64b	14.75	19.33b	76
Henry's Fork A	6/4	Flight Delayed	- -	- -	10.9						
Hewinta G. S.	5/23	0	0.0	0.0	0.0	5/23	.95	2.51b	22.71	18.40b	123
Hickerson Park	5/31	0	0.0	0.0	0.0	5/31	.54	2.89a	16.44	14.89a	110
Highline Trail*						6/4	Data Not Available - USU				
King's Cabin (upper)	5/31	0	0.0	0.0	- -	5/31	.23	2.60	11.45	16.81	68
Reynolds Park A	6/4	Flight Delayed	- -	- -	3.8						
Spirit Lake	5/31	0	0.0	12.7	10.1	5/31	.00	3.68b	18.40	22.38b	82
Windy Park A	6/4	Flight Delayed	- -	- -	0.0						
McCoy Park*						5/31	1.05	- -	- -	- -	- -
Lakefork Mountain	5/29	0	0.0	0.0	3.2	5/29	.35	2.26	13.89	17.49	79
DUCHESNE RIVER											
Atwood Basin A	6/4	Flight Delayed	- -	- -	0.0						
Chepeta-Whiterocks Lakes A	6/4	Flight Delayed	- -	- -	13.3						
Current Creek	5/30	0	0.0	0.0	0.0	5/31	.28	1.34b	17.13	17.24b	99
Daniels-Strawberry Summit	5/24	0	0.0	0.0	0.0	5/24	.65	1.64	23.63	22.17	106
Five Point Lake A	6/4	Flight Delayed	0.0	0.0	8.6						
Indian Canyon	5/30	0	0.0	0.0	0.0	5/30	.03	1.71b	10.59	17.37b	61
Julius Park	5/29					5/29	.00	2.63b	12.35	18.35b	67
Lakefork Basin A	6/4	Flight Delayed	- -	- -	16.3						
Lightning Lake A	6/4	Flight Delayed	- -	- -	- -						
Mosby Mountain	5/29	0	0.0	0.0	0.0	5/29	.00	2.65a	11.45	15.91a	72
Paradise Park	5/29	0	0.0	5.9	8.8	5/29	.00	2.50	12.67	20.56	62
Rock Creek	5/29	0	0.0	0.0	0.0	5/29	.24	1.59	11.07	14.79	75
Strawberry Divide	5/29	0	0.0	- -	- -						
PRICE RIVER											
Gooseberry Reservoir	5/30	0	0.0	0.0	0.0	5/30	.20	2.04	25.18	23.62	107
Mud Creek #2	5/31	0	0.0	0.0	0.0	5/31	.30	1.66	17.07	18.56	92
White River #1	5/31	0	0.0	0.0	0.0	5/31	.20	1.41	18.03	18.30	98
SAN RAFAEL RIVER											
Buck Flat	5/30	0	0.0	0.0	0.0	5/30	.85	2.15	24.80	22.43	110
Orange Olsen	5/29	0	0.0	0.0	0.0	5/29	.15	.79a	8.55	10.85a	79
Red Pine Ridge	5/29	0	0.0	0.0	0.0	5/29	.40	1.93	27.40	25.74	106
Stuart Ranger Station	5/28	0	0.0	0.0	0.0	5/28	.25	1.40b	14.40	15.72b	92
FREMONT RIVER											
Blacks Flat-U.M. Creek	5/28	0	0.0	0.0	0.0	5/28	.30	1.81	19.80	16.28	122
Fish Lake	5/28	0	0.0	0.0	0.0	5/28	.45	1.40b	14.05	12.48b	112
MILL CREEK											
LaSal Mountain (upper)	5/30	0	0.0	5.6	- -	5/30	.15	2.31b	18.55	20.57b	91
SAN JUAN RIVER											
Buckboard Flat	5/29	0	0.0	2.4	0.0	5/29	1.20	1.73	15.90	22.26	71
Camp Jackson	5/29	0	0.0	0.0	0.0	5/29	.32	1.33b	13.62	19.28b	70
VIRGIN RIVER											
Webster Flat	5/31	0	0.0	6.9	0.0	5/31	.05	1.90b	19.90	24.98	80

# SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
CORRECTIONS TO PREVIOUSLY PUBLISHED 1974 DATA											
JANUARY 1, 1974											
Merchant Valley	12/21	13	2.7	4.2	- -	12/21	- -	- -	3.26	- -	- -
FEBRUARY 1, 1974											
No Corrections											
MARCH 1, 1974											
Webster Flat	2/27	40	13.3	19.1	12.0b	2/27	1.30a	3.92	13.85	15.67	88
APRIL 1, 1974											
Daniels-Strawberry Summit	3/28	28	11.8	16.3	14.2	3/28	1.23	3.01	17.13	17.61	97
Parley's Canyon Summit	3/29	50	18.9	19.2	17.9	3/29	2.10a	3.86	23.23	22.02	105
Payson Ranger Station	4/5	55	20.3	25.8	17.3	4/5	- -	3.06	21.85	17.69	124
Rock Bridge	4/5	38	18.5	17.8	10.8						
Steep Hollow #1	4/1	112	41.8	28.0	38.4b						
Webster Flat	3/28	31	11.9	28.4	15.3	3/28	2.60	3.60	16.45	19.27	85
MAY 1, 1974											
Daniels-Strawberry Summit	4/26	28	12.4	14.4	7.8	4/26	5.85	2.92	22.98	20.53	112
Parley's Canyon Summit	4/30	42	18.9	17.4	12.2	4/30	8.20a	4.71	31.43a	26.73	118
Webster Flat	4/29	12	6.2	28.9	10.8	4/29	3.40	3.81	19.85	23.08	86







# INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

## GREAT BASIN DRAINAGE

GREAT BASIN DRAINAGE																				COLORADO RIVER DRAINAGE																																							
NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.																																							
UPPER BEAR RIVER (above Harer, Idaho)																				JORDAN RIVER & GREAT SALT LAKE																				DUCHESNE RIVER																			
10G11	W	Big Rock	7	27N	117W	8,700	12J2	U	Beaver's Cabin	24	4S	4W	6,450	10J27ap	U	Atwood Basin	21	1S	15E	10,250																																							
10J6P	W	Big-Miller Ranch	19	3N	10E	7,900	12J5n	U	Deseret Peak	15	4S	7W	9,250	10J9P	U	Brown Duck Lake	2	2N	6W	10,300																																							
10G7	W	CCC Camp x	29N	118W	7,500	12J5n	U	Farmington Canyon (lower)	14	3N	1E	6,950	9J14P	U	Burnt Creek	4	1N	20E	7,900																																								
10J36p	U	Gold Hill	11	1N	9E	10,000	11J11P	U	Farmington Canyon (upper)	26	3N	1E	8,000	9J9ap	U	Chepato-Whiterocks Lakes	3	1S	17W	10,300																																							
10J36p	U	Hayden Fork	25	1N	9E	9,400	11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400	11J32MP	U	Current Creek	31	1S	10W	11,000																																							
10G12	W	Kelly Ranger Station	13	26N	118W	8,200	12J3P	U	Middle Canyon	8	4S	3W	7,000	10J26ap	U	Five Point Lake	28	4N	5W	11,800																																							
10J35p	W	Lily Lake	34	2N	10E	9,300	11J10	U	MHI D South Fork	18	2S	3E	7,400	9J13P	U	Grizzly Ridge	8	1S	22E	8,500																																							
11H12P	U	Monte Cristo R. S.	4	8N	4E	8,960	11J16P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900	10K1P	U	Indian Canyon	2	11S	10E	9,100																																							
10G10	W	Piney Labarge x	19	29N	114W	8,820	11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725	10J19P	U	Jackson Park	23	3N	4W	11,300																																							
10G6	W	Poison Meadows x	29	30N	116W	8,500	11J42	U	Snow Bird (Gad Valley)	18	3S	3E	10,000	9J6P	U	Julius Park	20	3N	1E	9,800																																							
10G8P	W	Salt River Summit x	32	29N	118W	7,900	12K2P	U	Vernon Creek	21	10S	5W	7,500	10J38P	U	Lake Basin	33	3N	7W	10,800																																							
10J7P	U	Stillwater Camp	32	2N	10E	8,550								10J38P	U	Lake Basin	33	3N	7W	10,800																																							
LOWER BEAR RIVER (below Harer, Idaho)																				UPPER SEVIER RIVER (South of Richfield, Utah)																				PRICE RIVER																			
11H37P	U	Bug Lake	18	11N	5E	7,950	12L4P	U	Box Creek	33	26S	2W	9,800	10J11P	U	Lakefork Mountain #1	2	8	3	11,200																																							
11H36p	U	Bunchgrass	13	13N	3E	8,400	12M8	U	Byee Canyon	36	36S	4W	8,000	10J11P	U	Lakefork Mountain #2	17	2N	5W	10,700																																							
11G11	U	Christensen Ranch	27	13S	41E	5,600	12M43P	U	Castle Valley	23	36S	8W	9,700	10J12P	U	Lakefork Mountain #3	29	2N	4W	8,100																																							
11H38p	U	Cinnamon Creek	5	8N	3E	7,300	12M18	U	Duck Creek R. S.	11	38S	8W	8,700	10J29P	U	Lightning Lake	24	4N	8W	10,950																																							
12H1P	U	Clarkson Mountain	2	14E	3E	6,300	12M18	U	Farview	32	37S	4W	8,200	9J3P	U	Masby Mountain	27	2S	18E	9,500																																							
11G12	U	Cub River Ranger Station	14E	11E	4E	8,400	12M18	U	High-Top Mountain	24	38S	7W	7,700	10J18P	U	Paradise Park	7	3N	1E	10,100																																							
11G13	U	Curtis Creek	12	10N	4E	8,450	12M18	U	High-Top Mountain	36	25S	1E	11,400	10J18P	U	Rock Creek	21	2N	7W	7,900																																							
11H38p	U	Dry Creek	34	10N	4E	8,400	12M19	U	High-Top Mountain	24	37S	9W	9,200	10J32P	U	Shadow Lake	28	3N	8W	10,150																																							
11G14	U	Dry Creek	30	13S	42E	7,900	12M19	U	High-Top Mountain	4	5	36S	7W	8,200	11J35P	U	West Fork of the Duchesne	22	1N	19E	10,250																																						
11G16	U	Dry Creek Flat	31	13S	37E	6,350	12M19	U	High-Top Mountain	29	38S	4W	9,100																																														
11G7	U	Emigrant Summit	24	12S	42E	6,500	12L5	U	Snow Springs	3	27S	2W	9,300	10K5M	U	Corral	32	13S	14E	8,200																																							
11H38P	U	Franklin Basin	1	16S	41E	8,000	11M4P	U	Whitoe R.S.	22	34S	2W	7,600	11K8P	U	Dry Valley Divide	20	12S	8E	7,800																																							
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600								11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700																																							
11H40p	U	Hell Canyon	24	11N	2W	6,400	11K13P	U	Beaver Dam	27	19S	3E	8,000	10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970																																							
11H40p	U	Herd Hollow	4	11N	3E	7,000	11K11P	U	Farnsworth Lake	27 & 33	23S	2E	9,900	11K7	U	Huntington-Horseshoe	12	14S	5E	9,800																																							
11H15p	U	Horseshoe Basin	31	13S	42E	8,000	11K11P	U	G. B. R. C. Headquarters	21	17S	4E	8,700	11K24P	U	Jonas Ranch	32	12S	7E	7,600																																							
11G13	U	Klondike Narrows	10	14N	3E	7,400	11L2P	U	G. B. R. C. Meadows	26 & 27	17S	4E	10,000	11K24P	U	Mud Creek	4	14S	7E	7,600																																							
11G13	U	Liberty Springs	13S	14E	3E	8,000	11K34P	U	Gooseberry R. S.	22	23S	2E	8,400	11K25	U	White River #1	10S	12E	8,300																																								
11H25P	U	Little Bear (lower)	15	8N	1E	6,550	11K34P	U	Mammoth R. S., -Cottonwood Creek	13	13S	5E	8,800	11K25	U	White River #2	11	10S	8E	7,400																																							
11H25P	U	Little Bear (upper)	22	8N	1E	6,550	11K12P	U	Middle Fork	16	18S	4E	9,600			White River #3	30	10S	8E	7,400																																							
11H4	U	Mt. Laramie	3	11N	2E	9,000	11K12P	U	Mt. Baldy R. S.	19	19S	4E	9,500																																														
12G3	U	Ox-Lard Mountain	32	13S	37E	6,800	11K2P	U	Oak Creek	9	17S	3W	7,760	11K31P	U	Buck Flat	23	19S	4E	9,400																																							
11H46p	U	Paradise Canyon	36	10N	2E	7,650	11K39PT	U	Pickle Keg Springs	4	21S	3E	9,600	11K4P	U	Gooseberry Reservoir	25	14S	5E	8,700																																							
11G5	U	Slug Creek Divide	15	10S	44E	7,225	12L1P	U	Pine Creek	24	22S	4W	8,700	11K5	U	Huntington-Horseshoe	12	14S	5E	9,800																																							
11H27	U	Steep Hollow #1	7	14N	3E	8,500	12K36	U	Rees's Flat	20	15S	2E	7,300	11K28P	U	Red Pine Ridge	5	16S	6E	9,400																																							
11H28	U	Steep Hollow #2	9	14N	3E	7,700	12L3P	U	Shingle Mill	5	22S	3W	6,200	10K2MP	U	Rush Pond	24	19S	4E	9,800																																							
11G9	U	Strawberry Creek	9	13S	41E	5,800	11K35	U	Thistle Mill	23	18S	3E	8,500	11K9	U	Sealey Creek	25	15S	4E	10,000																																							
11G10	U	Strawberry Mink Divide	14	13S	41E	5,800								11K27P	U	Stuart R. S.	8 & 9	15S	7E	7,900																																							
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250								11K29	U	Upper Joe's Valley	21	16S	6E	8,900																																							
11H41P	U	Trigona Springs	29	12N	4E	7,600	BEAVER RIVER							11K32	U	Wrigley Creek	27	19S	5E	9,000																																							
11G4P	U	Willow Flat	2	15S	41E	6,100	12L13	U	Beaver Race Track	23	29S	7W	6,020																																														
							12LPT	U	Big Flat	18	29S	4W	10,290	11K14	U	Muddy River	34	20S	4E	9,200																																							
							12L9P	U	Merchant's Valley	8 & 9	29S	5W	8,200	11K15P	U	Black's Fork	27	20S	4E	9,200																																							
							12L6	U	Other Lake	1	29S	5W	9,300																																														
OGDEN RIVER																				FREMONT RIVER																				SOUTHEASTERN UTAH DRAINAGES																			
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150	12M16	U	Brion Crossing	23	35S	9W	8,100	9M1P	U	Campboard Flat	36	33S	22E	9,000																																							
11H8P	U	Ben Lomond Peak	3	7N	1W	8,000	12M14	U	Brian Head	10	36S	9W	10,000	9M2P	U	Camp Jackson	22	34S	22E	8,600																																							
11H8P	U	Ben Lomond (lower)	1	7N	1W	6,000	12M17	U	Chalk Creek	17	35S	9W	8,300	9L1	U	LaSal Mountain	5	27S	24E	8,800																																							
11H30P	U	Ben Lomond Trail	2	7N	3E	5,000	12M12	U	Earl Ford Flat	26 & 35	35S	8W	8,600	9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,400																																							
11H35P	U	Causey Dam	7N	7N	1W	7,200	12M11P	U	Tankee Reservoir	20	35S	8W	8,700	9M3	U	Monticello Park	25	33S	23E	7,050																																							
11H35P	U	Curtis Creek	3	7N	3E	7,200																																																					
11H3MP	U	Duck Pond	21	6N	4E	8,200																																																					
11H34p	U	Duck Pond	19	6N	4E	8,050																																																					
11H42p	U	Magpie	29	6N	3E	7,700																																																					
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420																																																					
11H15P	U	Segebrush Flat	21	7N	3E	6,300	12M17	U	CSU Ranch	18	37S	9W	8,200																																														
							12M10	U	Urie Flat	11	37S	10W	8,450	9M2P	U	Camp Jackson	22	34S	22E	8,600																																							
WEBER RIVER																				ENTERPRISE TO NEW HARMONY DRAINAGES																				ESCALANTE RIVER																			
11J24	U	Beaver Creek R. S.	28	2S	7E	7,500	13M4MP	U	Little Grassy Creek	15	38S	17W	6,100	11M1	U	Whitoe-Escalante Summit	22	34S	1W	9,500																																							
11J1P	U	Chalk Creek #1	4	1N	8E	9,100	13M2MP	U	Long Flat	2	38S	14W	8,000	11M2PT	U	Whitoe-Escalante #2	22	34S	1W	9,500																																							
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900								11M3P	U	Whitoe-Escalante #3	22	34S	1W	9,500																																							
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500																																																					
11H44p	U	Francis Canyon	29	5N	6E	7,400																																																					
11J27p	U	Hardcabble	16	2N	2E	6,500																																																					
11H43p	U	Hoodoo Knoll	22	5N	3E	8,350																																																					
11H21P	U	Horse Ridge	1	6N	4E	8,260																																																					
11H31P	U	Killflore Creek	20	6N	5E	7,300																																																					
11H32P	U	Lost Creek	27	6N	5E	6,125																																																					
11H3P	U	Lost Creek	20	1S	4E	7,300																																																					
11H3P	U	Parley's Canyon Summit	3	3N	7E	8,100																																																					
11H3P	U	Parley's Canyon Summit	22	3N	7E	8,100																																																					
11H6	U	Reddick Mine (lower)	1	2S	6E	8,500																																																					
11J5P	U	Redden Mine (upper)	1	2S	6E	8,500																																																					
11J59p	U	Sergeant Lakes	17	1N	5E	8,400																																																					
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900																																																					
11J4P	U	Smith & Morehouse	25	1N	7E	7,600																																																					

## COLORADO RIVER DRAINAGE

[illegible]

**LEGEND**  
Numbering System (example)

107	Snow Course Only
107P	Snow Course and Precipitation Gage
107PA	Snow Course and Soil Moisture Station.
107PA	Snow Course, Soil Moisture Station, and Precipitation Gage
107PA	Snow Course, Soil Moisture Station, and Precipitation Gage
107m	Soil Moisture Station Only
107P	Aerial Marker Only.
107P	Adjacent to Precipitation Gage Only.
*	Adjacent Gagehat.

# Agencies Cooperating in Utah Snow Surveys

## U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture  
Soil Conservation Service  
Forest Service  
U.S. Department of Commerce  
NOAA, National Weather Service  
U.S. Department of Interior  
Bureau of Reclamation  
Geological Survey  
National Park Service

## STATE AGENCIES

Utah State University  
Utah Fish and Game Department  
Utah State Department of Natural  
Resources, Division of Water Rights  
Bear River Commissioner  
Price River Commissioner  
Provo River Commissioner  
Sevier River Commissioners  
Spanish Fork River Commissioner  
Utah Lake and Jordan River Commissioner

## MUNICIPALITIES

Manti  
Salt Lake City

## ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association  
Board of Canal Presidents - Jordan River  
Emery Canal and Reservoir Company  
Moon Lake Water Users Association  
Ogden River Water Users Association  
Provo River Water Users Association  
Strawberry Water Users Association  
Sevier River Water Users Association

## PRIVATE AGENCIES

Kaiser Steel Corporation

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
FEDERAL BLDG., - ROOM 4012  
125 SOUTH STATE ST.  
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## FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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necessary for forecasting  
water supply for irrigation,  
domestic and municipal water  
supply, hydro-electric power  
generation, navigation,  
mining and industry

*"The Conservation of Water begins  
with the Snow Survey"*